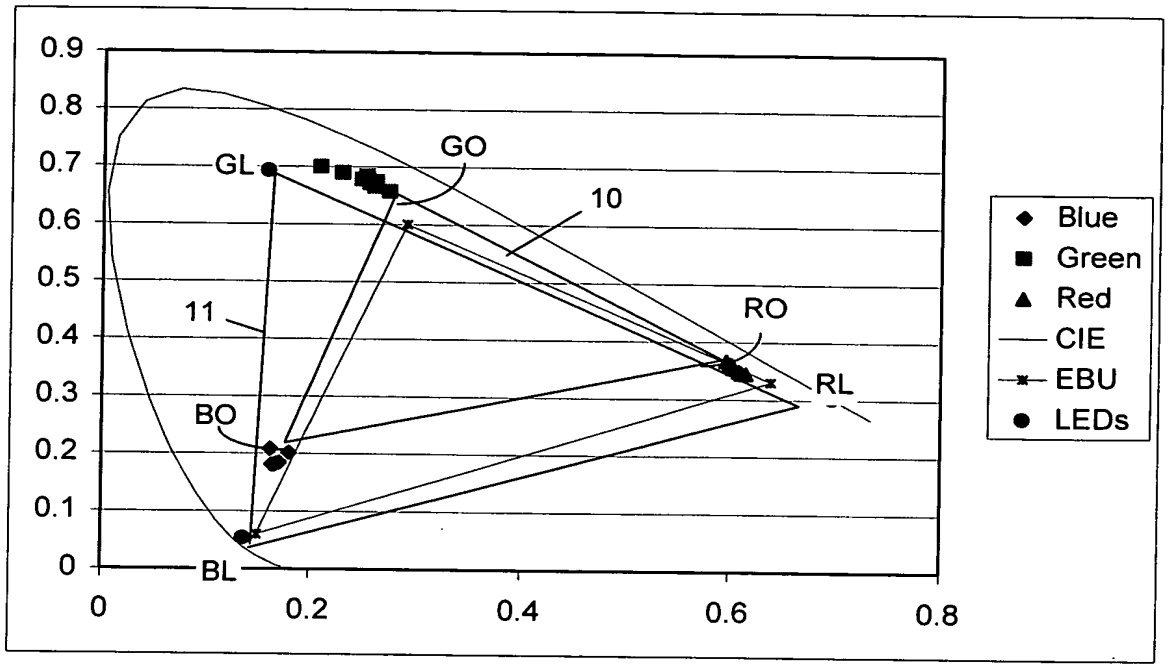

0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
GL
GO
10
11
RO
RL
BO
BL
Blue
Green
Red
CIE
EBU
LEDs

Fig. 1

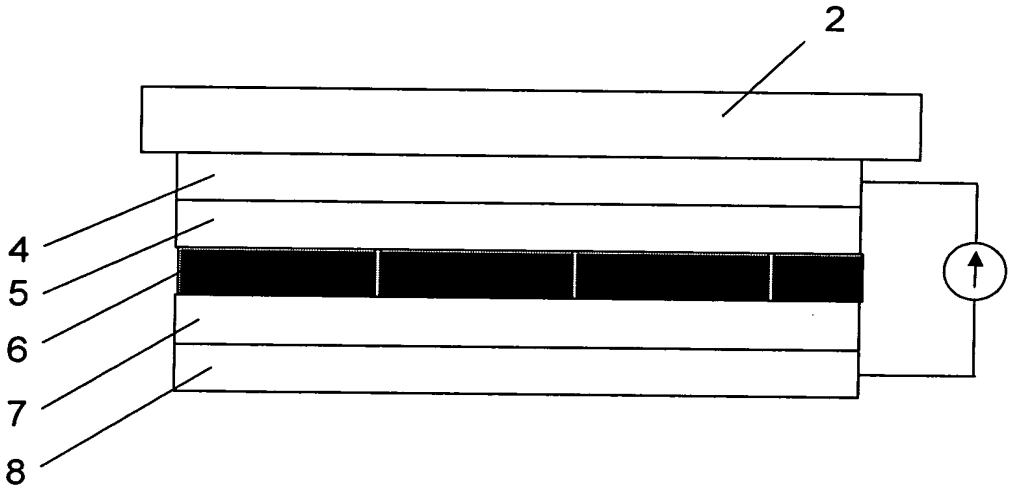

2
4
5
6
7
8

Fig. 2

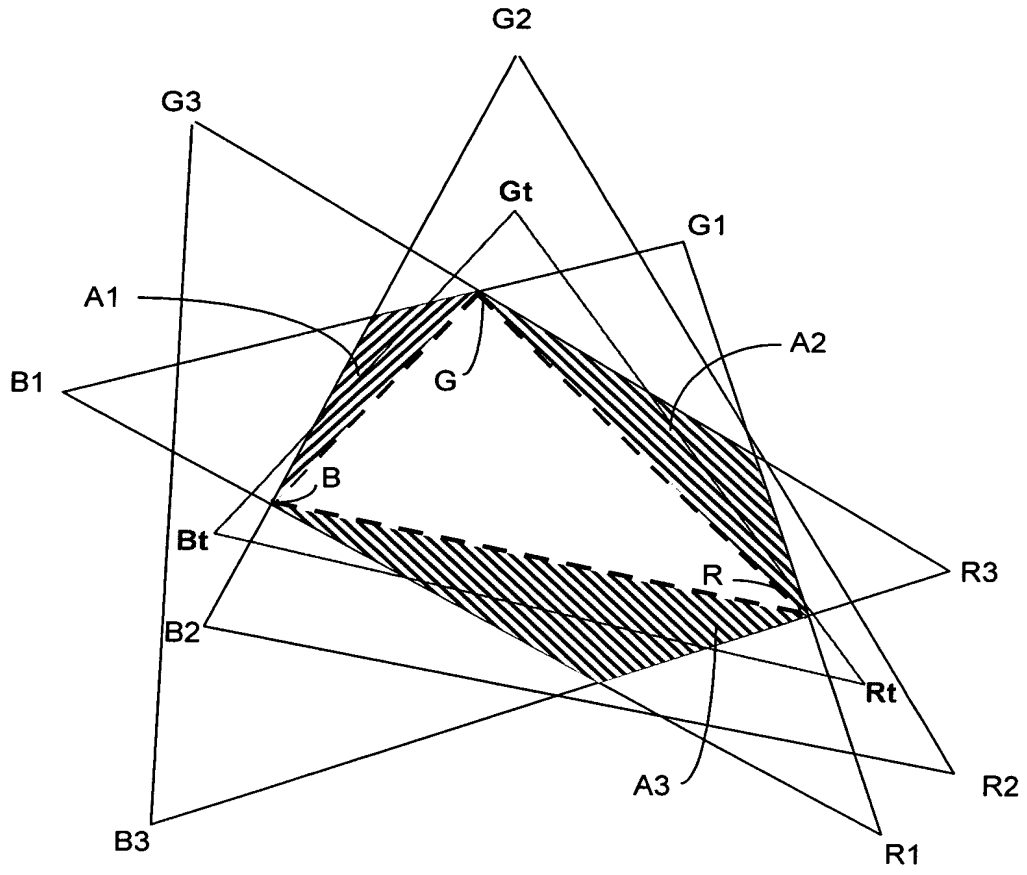


Fig. 3

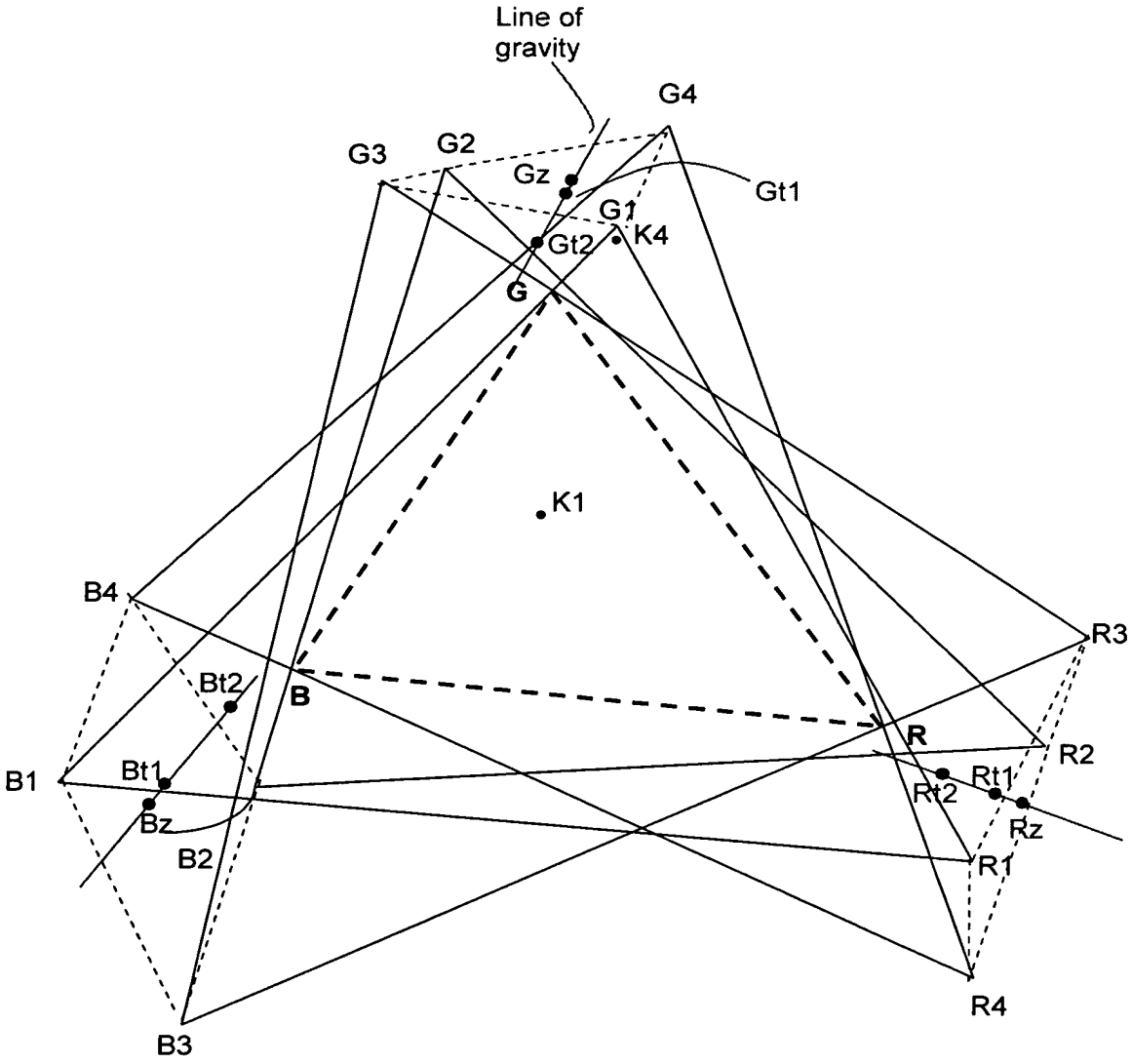

Line of
gravity
G4
G3
G2
Gz
Gt1
G1
K4
Gt2
G
K1
B4
R3
Bt2
B
R
R2
Rt1
Rt2
B1
Bt1
Bz
B2
Rz
R1
R4
B3

Fig. 4A

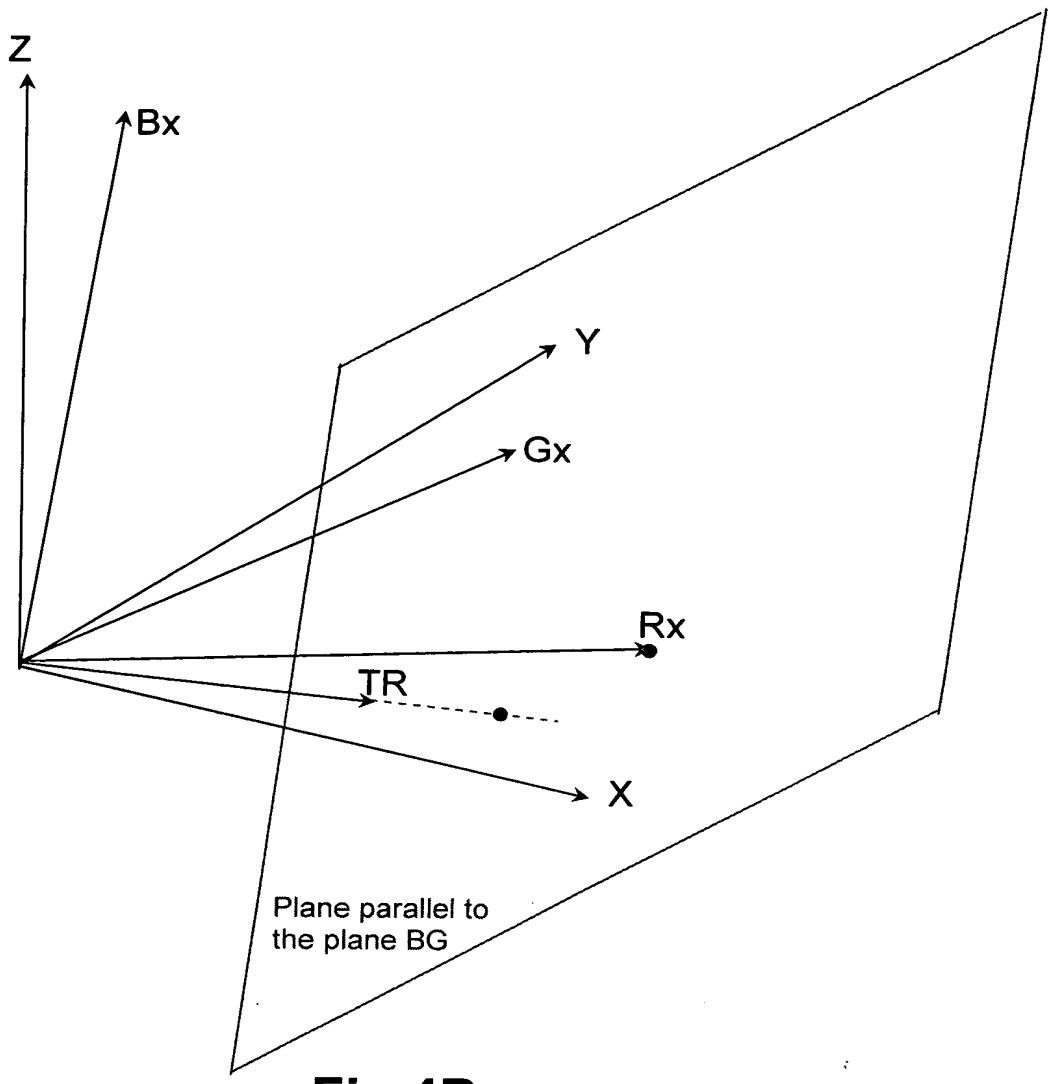


Fig 4B

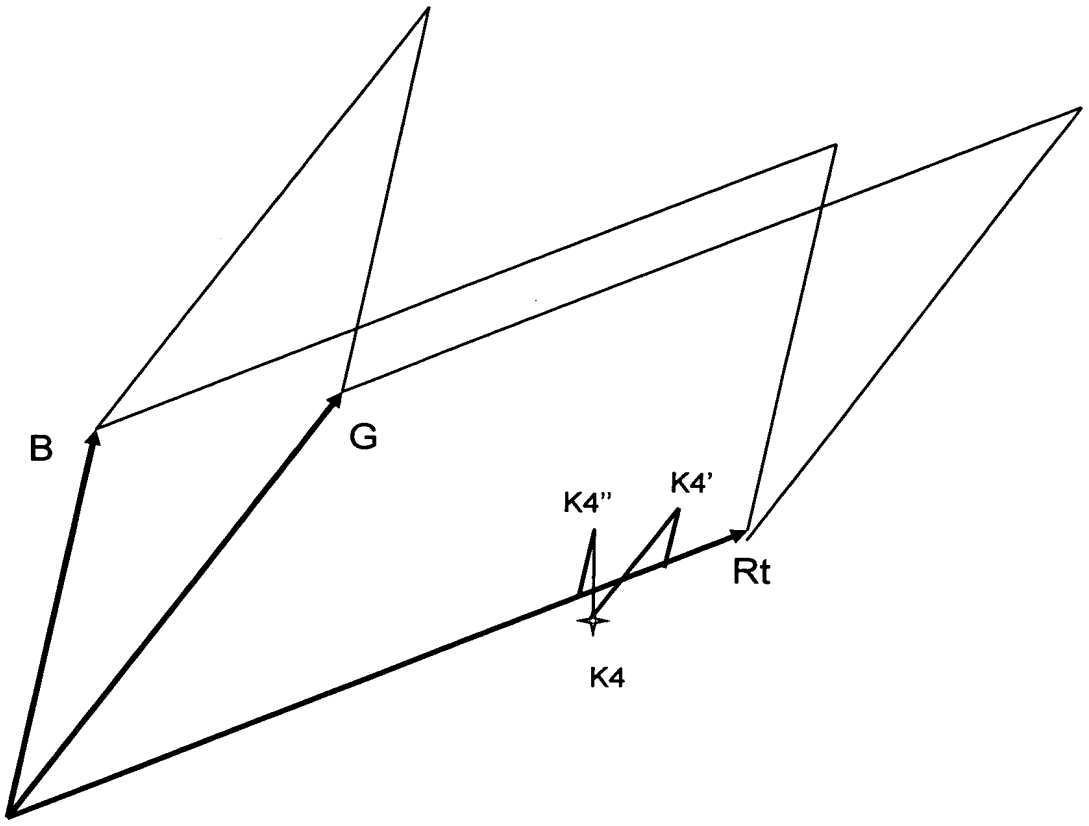


Fig. 5

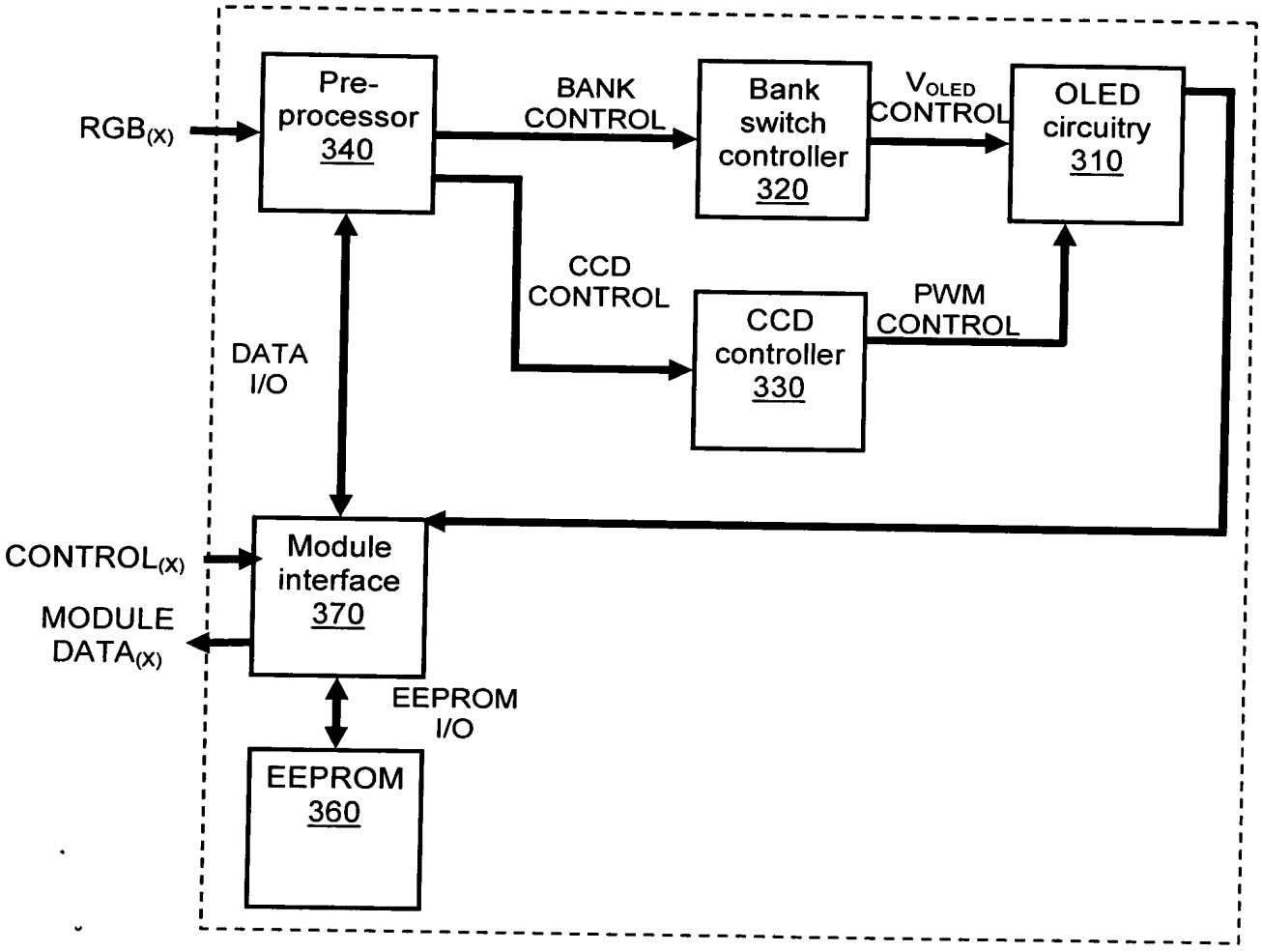
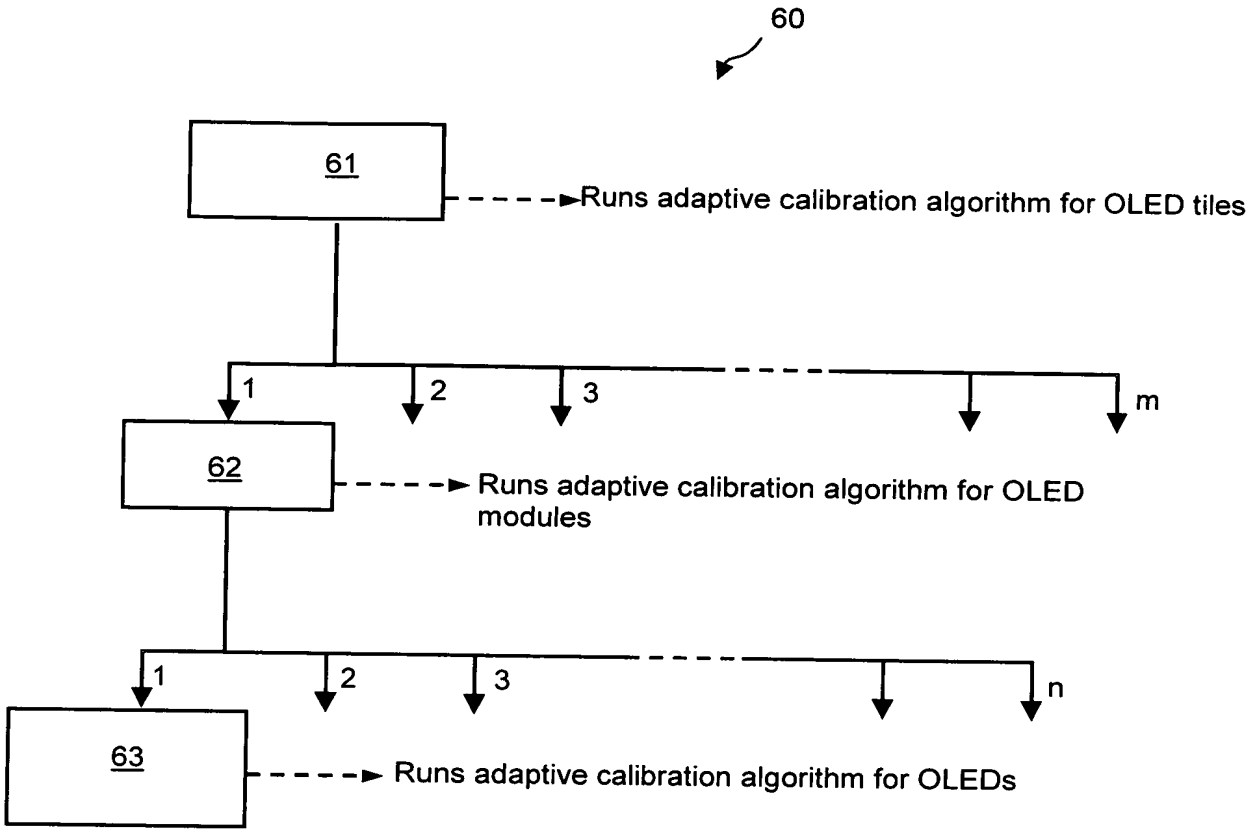

RGB(X)
Pre-processor 340
BANK CONTROL
Bank switch controller 320
VOLED CONTROL
OLED circuitry 310
CCD CONTROL
CCD controller 330
PWM CONTROL
DATA I/O
CONTROL(X)
Module interface 370
MODULE DATA(X)
EEPROM I/O
EEPROM 360

Fig. 6A



m = number of OLED tiles in the entire display wall

n = number of OLED modules in one OLED tile

Fig. 6B